

DR-Series LCD Monitor 17" | 22"

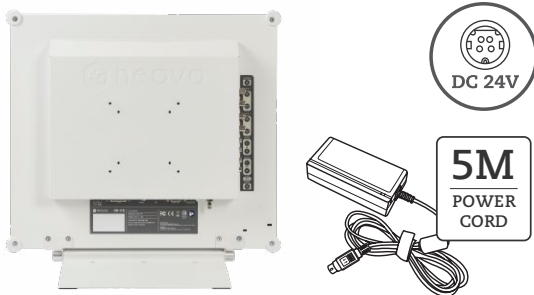


**Multi-purpose Dental
Review Displays for the
Modern Treatment Room**

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Knowing that providing a safe environment to their patients is a dentist's primary concern; the DR-Series is certified with EN/IEC 60601-1, ensuring a safe and reliable power connection by equipped with medical-grade power adapter and equipotential terminal connector. Along with NeoV™ Optical Glass and white metal casing, the display can be cleaned and disinfected with standard cleaning solutions. Besides, to accommodate the need to view X-ray films, the DR-Series features an illuminator mode, which allows dentists to diagnose without switching to other dedicated view boxes. From consultation to examination, the DR-Series is the perfect fit for any dental setting.





Versatility and Adaptability

The DR-Series is adaptable to fit every conceivable dental environment. Designed with DC 24V power supply, it is ideal for long-distance (up to 5 meters) cable management between dental equipment and displays. Compatible with VESA standard mounts, the display can be mounted on a rotatable arm with handles for easy movement.

Medical-Grade Safety Certification

Certified with the EN/IEC60601-1 regulation, the DR-Series ensures general safety and electronic emissions, equipped with medical-grade power adaptor and equipotential terminal connector, providing a safe and reliable power connection in the environment of dental diagnosis and treatment.



Easy X-ray Film Viewing

The DR-Series features a unique illuminator mode that allows dentists to easily view X-ray films without separately installing a dedicated illuminator—just switch in or out of illuminator mode on the on-board key pad. Both physical films and digitalized colour images are viewable on the same display, making the DR-Series an optimal solution for the dental office.

Easy to Clean and Reliable Design

The anti-acid and anti-alkali coating treatment of NeoV™ Optical Glass ensures that the DR-Series withstand cleaning and disinfection. Coupled with front-sided IP22 compliance and white metal casing, the DR-Series is dust and water proof and easy to detect contamination for any dental use.



Features

- LED-backlit technology with 1920 x 1080 and 1280 x 1024 resolutions
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- EN60601-1 and IEC60601-1 medical certification
- Equipotential terminal connector
- White exterior design for easy contaminant detection
- DC 24V medical-grade power adaptor allows a longer distance connection
- Illuminator mode for easy X-ray film viewing
- PiP/PbP functions enable multi-source viewing simultaneously
- Image Enhancer: Deinterlace / Noise Reduction / Image Rotation / Freeze
- Adjustable image settings via analogue inputs
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA, S-Video, Composite
- Front-sided IP22 Compliant (IEC 60529 Standard)
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- Gamma selection and black-level adjustment
- Optional X-ray clip and handle for easy movement
- VESA mounting for flexible installation in healthcare settings

Specifications

DR-17G

DR-22G

Panel

Panel Type	LED-Backlit TFT LCD (TN Technology)	LED-Backlit TFT LCD (TN Technology)
Panel Size	17.0"	21.5"
Max. Resolution	SXGA 1280 x 1024	FHD 1920 x 1080
Pixel Pitch	0.264 mm	0.248 mm
Brightness	250 cd/m ²	250 cd/m ²
Contrast Ratio	20,000,000:1 (DCR)	20,000,000:1 (DCR)
Viewing Angle (H/V)	170°/160°	170°/160°
Display Colour	16.7M	16.7M
Response Time	3 ms	3 ms

Frequency

Frequency (H)	24 kHz-83 kHz	24 kHz-83 kHz
Frequency (V)	50 Hz-75 Hz	50 Hz-75 Hz

Signal Input

DisplayPort	x 1	x 1
HDMI	1.4 x 1	1.4 x 1
DVI	24-Pin DVI-D	24-Pin DVI-D
VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1
Composite	BNC x 2	BNC x 2
S-Video	4-Pin mini DIN x 1	4-Pin mini DIN x 1

Signal Output

Composite	BNC x 2	BNC x 2
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External Control

RS232 In	2.5 mm Phone Jack	2.5 mm Phone Jack
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Other Connectivity

USB	2.0 x 1 (Service Port)	2.0 x 1 (Service Port)
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Audio

Audio In	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)
Audio Out	Stereo Audio Jack (RCA)	Stereo Audio Jack (RCA)
Internal Speakers	2W x 2	2W x 2

Power

Power Supply	External	External
Power Requirements	DC 24V, 2.71A	DC 24V, 2.71A
On Mode	17W (On)	21W (On)
Stand-by Mode	< 0.7W	< 0.7W
Off Mode	< 0.7W	< 0.7W

Glass

Thickness	3.0 mm (0.12")	3.0 mm (0.12")
Reflection Rate	< 1%	< 1%
Transmission Rate	> 97%	> 97%
Hardness	> 9H	> 9H

Operating Conditions

Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)

Storage Conditions

Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
Humidity	5%-95% (non-condensing)	5%-95% (non-condensing)

Mounting

VESA FPM/PMI	Yes (100 x 100 mm & 75 x 75 mm)	Yes (100 x 100 mm & 75 x 75 mm)
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Stand

Tilt	0° to 22°	0° to 17°
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Security

Kensington Security Slot	Yes	Yes
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Dimensions

Product with Base (W x H x D)	409.4 x 398.2 x 175.0 mm (16.1" x 15.7" x 6.9")	513.2 x 368.5 x 155.0 mm (20.2" x 14.5" x 6.1")
Product w/o Base (W x H x D)	409.4 x 361.9 x 64.5 mm (16.1" x 14.3" x 2.5")	513.2 x 324.3 x 56.2 mm (20.2" x 12.8" x 2.2")
Packaging (W x H x D)	506.0 x 506.0 x 225.0 mm (19.9" x 19.9" x 8.9")	614.0 x 477.0 x 204.0 mm (24.2" x 18.8" x 8.0")

Weight

Product w/o Base	5.4 kg (11.9 lb)	6.2 kg (13.7 lb)
Product with Base	6.1 kg (13.4 lb)	6.8 kg (15.0 lb)
Packaging	8.1 kg (17.9 lb)	9.3 kg (21.0 lb)

Regulation Approval

Certifications & Compliance	FCC, BSMI, CE, IEC / EN 60601-1, EN 60601-1-2, MDD, RoHS, WEEE, REACH	FCC, BSMI, CE, IEC / EN 60601-1, EN 60601-1-2, MDD, RoHS, WEEE, REACH
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Accessories

Supplied	Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card	Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card
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Optional Accessories

Ceiling Mount (Landscape only)	CMP-01+WMK-03	CMP-01+WMK-03
Wall Mount (Landscape only)	WMA-01, WMK-01, WMK-03, PMK-01	WMA-01, WMK-01, WMK-03, PMK-01
Desk mount (Landscape only)	DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02	DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02
Handle	HDL-01	HDL-02

Global Headquarters

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EMEA Regional Headquarters

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North & South America Regional Headquarters

San Jose, CA, U.S.A.

Asia-Pacific Regional Headquarters

Taipei, Taiwan

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Vancouver, B.C., Canada

China Sales Office

Shanghai, China

Czech Republic Sales Office

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